

WHAT IS CLAIMED IS:

1. A method for producing a light-emitting device comprising the steps of
disposing a transparent electrode, one or more organic layers and a back side
electrode on a substrate to provide a light-emitting structure, and disposing
5 sealing parts on said light-emitting structure to isolate said one or more organic
layers from external air, wherein said one or more organic layers comprises a
light-emitting layer containing a phosphorescent compound, and said light-
emitting layer, said back side electrode and said sealing parts are disposed in an
atmosphere where both of a moisture concentration and an oxygen concentration
10 are 100 ppm or less.

2. The method for producing a light-emitting device according to claim 1,
wherein said one or more organic layers is isolated from external air after
disposing said light-emitting layer until said sealing parts are disposed.

3. The method for producing a light-emitting device according to claim 1,
wherein both of said moisture concentration and said oxygen concentration are
50 ppm or less.

4. The method for producing a light-emitting device according to claim 3,
wherein both of said moisture concentration and said oxygen concentration are
30 ppm or less.

20 5. The method for producing a light-emitting device according to claim 1,
wherein at least one of said organic layers is formed by a wet film-forming
method.

6. The method for producing a light-emitting device according to claim 1,
wherein said one or more organic layers comprises a hole-injecting layer in
25 contact with said light-emitting layer and said hole-injecting layer over said
transparent electrode.

7. The method for producing a light-emitting device according to claim 6,
wherein both of said hole-injecting layer and said light-emitting layer are
formed by a wet film-forming method.

8. The method for producing a light-emitting device according to claim 6, wherein said one or more organic layers further comprises an electron-transporting layer between said light-emitting layer and said back side electrode.

9. The method for producing a light-emitting device according to claim 1, 5 wherein a weight ratio of said phosphorescent compound in said light-emitting layer is 0.1 to 70 weight % based on the total weight of said light-emitting layer.

10. The method for producing a light-emitting device according to claim 1, wherein said phosphorescent compound is an *ortho*-metallation complex.

11. The method for producing a light-emitting device according to claim 1, 10 wherein an ultraviolet-hardening resin is used in combination with said sealing parts to isolate said one or more organic layers from external air.

12. A light-emitting device obtained by a method comprising the steps of disposing a transparent electrode, one or more organic layers and a back side electrode on a substrate to provide a light-emitting structure, and disposing 15 sealing parts on said light-emitting structure to isolate said one or more organic layers from external air, wherein said one or more organic layers comprises a light-emitting layer containing a phosphorescent compound, and said light-emitting layer, said back side electrode and said sealing parts are disposed in an atmosphere where both of a moisture concentration and an oxygen concentration 20 are 100 ppm or less.

13. The light-emitting device according to claim 12, wherein said one or more organic layers is isolated from external air after disposing said light-emitting layer until said sealing parts are disposed.

14. The light-emitting device according to claim 12, wherein both of said 25 moisture concentration and said oxygen concentration are 50 ppm or less.

15. The light-emitting device according to claim 14, wherein both of said moisture concentration and said oxygen concentration are 30 ppm or less.

16. The light-emitting device according to claim 12, wherein at least one of said organic layers is formed by a wet film-forming method.

17. The light-emitting device according to claim 12, wherein said one or more organic layers comprises a hole-injecting layer in contact with said light-emitting layer and said hole-injecting layer over said transparent electrode.

18. The light-emitting device according to claim 17, wherein both of said 5 hole-injecting layer and said light-emitting layer are formed by a wet film-forming method.

19. The light-emitting device according to claim 17, wherein said one or more organic layers further comprises an electron-transporting layer between said light-emitting layer and said back side electrode.

20. The light-emitting device according to claim 12, wherein a weight ratio of said phosphorescent compound in said light-emitting layer is 0.1 to 70 weight % based on the total weight of said light-emitting layer.

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